

WHAT IS CLAIMED IS:

1. An image display comprising:

a substrate including a light function layer for displaying an image by emitting or blocking light in accordance with a supplied voltage; and

a frame body for surrounding the substrate, wherein

a concave portion is provided on a side surface of the substrate, a convex portion is provided on an inner side of a side surface of the frame body, and the convex portion is fitted to the concave portion.

2. The image display according to Claim 1, wherein the convex portion or the concave portion is comprised of an elastic body.

3. The image display according to Claim 2, wherein a pressing force by the elastic body acts between the convex portion and the concave portion in the direction parallel to the substrate.

4. The image display according to Claim 2, wherein the elastic body is comprised of a spring.

5. The image display according to Claim 4, wherein the spring is comprised of a plate spring.

6. The image display according to Claim 2, wherein the elastic body is comprised of a cushion.

7. The image display according to Claim 6, wherein the cushion is made of rubber.

8. An image display comprising:

a frame body for surrounding the substrate, wherein
a convex portion is provided on a side surface of the substrate,
a concave portion is provided on an inner side of a side surface of
the frame body, and the convex portion is fitted to the concave portion.

10. The image display according to Claim 9, wherein a pressing force by the elastic body acts between the convex portion and the concave portion in the direction parallel to the substrate.

12. The image display according to Claim 11, wherein the spring is comprised of a plate spring.

14. The image display according to Claim 13, wherein the cushion is made of rubber.

15. The image display according to Claim 1 or 8, wherein the substrate is fixed to the frame body by a friction force generated between the

16. The image display according to Claim 1 or 8, wherein the frame body is of a rectangular-ring shape or a U-shape.

a substrate including a light function layer for displaying an image by emitting or blocking light in accordance with a supplied voltage; and

a concave portion is provided on a lower surface of the substrate, a convex portion is provided on an upper surface of the base, and the convex portion is fitted to the concave portion.

the concave portion has a small cross-sectional area portion and a large cross-sectional area portion along a plane orthogonal to a direction from the base toward the substrate on the base side and on the substrate side, respectively,

the convex portion has a small cross-sectional area portion and a large cross-sectional area portion along a plane orthogonal to the direction from the base toward the substrate on the base side and on the substrate side, respectively, and

the large cross-sectional area portion of the convex portion is fitted to the large cross-sectional area portion of the concave portion and the large cross-sectional area portion of the convex

portion is engaged with the small cross-sectional area portion of the concave portion.

a substrate including a light function layer for displaying an image by emitting or blocking light in accordance with a supplied voltage; and

a convex portion is provided on a lower surface of the substrate, a concave portion is provided on an upper surface of the base, and the convex portion is fitted to the concave portion.

the concave portion has a small cross-sectional area portion and a large cross-sectional area portion along a plane orthogonal to a direction from the substrate toward the base on the substrate side and the on the base side, respectively,

the convex portion has a small cross-sectional area portion and a large cross-sectional area portion along a plane orthogonal to a direction from the substrate toward the base, on the substrate side and on the base side, respectively, and

the large cross-sectional area portion of the convex portion is fitted to the large cross-sectional area concave portion and the large cross-sectional area portion of the convex portion is engaged with the small cross-sectional area portion of the concave portion.

21. An image display comprising:

a substrate including a light function layer for displaying an image by emitting or blocking light in accordance with a supplied voltage; and

a base on which the substrate is placed, wherein the substrate is fixed to the base by means of a screw.

22. The image display according to any of Claims 17, 19, and 21, wherein the light function layer is a liquid crystal layer and the base is a light guiding plate for guiding light from a light source toward the liquid crystal layer.

23. The image display according to any of Claims 1, 8, 17, 19, and 21, wherein the substrate is made of resin.

24. The image display according to any of Claims 1, 8, 17, 19, and 21, wherein a plurality of convex portion and a plurality of concave portions are provided.

25. The image display according to any of Claims 1, 8, 17, 19, and 21, wherein the light function layer is made of an inorganic fluorescent material, an organic fluorescent material, or liquid crystal.

26. An image display comprising:

a substrate including a light function layer for displaying an image by emitting or blocking light in accordance with a supplied voltage; and

a frame body for surrounding the substrate, wherein the substrate is fixed to the frame body by a friction force generated between them.

27. An image display comprising:

a substrate including a light function layer for displaying an image by emitting or blocking light in accordance with a supplied voltage; and

a circuit board provided with a drive circuit for supplying the voltage to the light function layer, wherein

the circuit board is fixed at both ends to different main surfaces of the substrate.

28. The image display according to Claim 27, wherein one end of the circuit board is fixed to a surface of the substrate having the light function layer, a fixing pin is provided on a surface of the substrate on the opposite side of the surface on which the light function layer is provided, the circuit board is provided with a concave portion or a through hole, and part of the circuit board is fixed to the surface of the substrate on the opposite side of the surface on which the light function layer is provided by engagement of the fixing pin with the concave portion or the through hole.

29. The image display according to Claim 27, wherein one end of the circuit board is fixed to a surface of the substrate having the light function layer, a concave portion or a through hole is provided on a surface of the substrate on the opposite side of the surface on which the light function layer is provided, a fixing pin is provided on the circuit board, and part of the circuit board is fixed to the surface of the substrate on the opposite side by engagement of the fixing pin with the concave portion or the through hole.

30. A display panel comprising:

a substrate including a light function layer for displaying an

4003605.002702

image by emitting or blocking light in accordance with a supplied voltage, wherein a concave portion is provided on a side surface of the substrate.